

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/50859

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04M3/54

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 198 113 A (DANSK MOBILTELEFON I S) 17 April 2002 (2002-04-17) paragraph '0001! - paragraph '0157! figures 1-10 abstract ---	1-22
X	US 5 848 140 A (SILVERMAN DAVID P ET AL) 8 December 1998 (1998-12-08) column 1, line 31 -column 2, line 20 ---	1
A	US 2002/004385 A1 (YAMAMOTO MASAHIRO ET AL) 10 January 2002 (2002-01-10) paragraph '0004! - paragraph '0094! figures 1-19 --- -/--	1-22

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

6 May 2004

Date of mailing of the international search report

14/05/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 5 842 112 A (EPLER FREDERICK A ET AL) 24 November 1998 (1998-11-24) column 1, line 26 -column 3, line 50 -----	1-22

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Information on patent family members

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